RCA TRIACS

Having Factory-Attached Heat Radiators

40531 40534
40532 40535
40533 40536

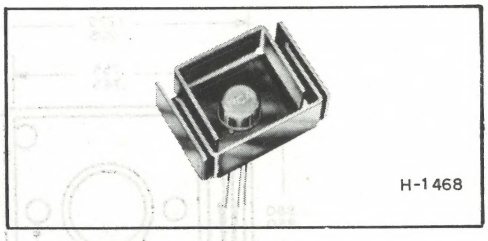
File No. 262

This bulletin sheet is to be used in conjunction with the data sheet for types 40525, 40526, 40527, 40528, 40529, and 40530 dated 4-67.

RCA 40531 through 40536 are gated bidirectional silicon thyristors having integral heat radiators. They are variants of the RCA Triac Types 40525 through 40530.

The 40531 through 40536 are designed to meet the needs of many power-control and power-switching applications in which heat sinking is required but where the design of special cooling systems to achieve the full current rating of the thyristor is not warranted.

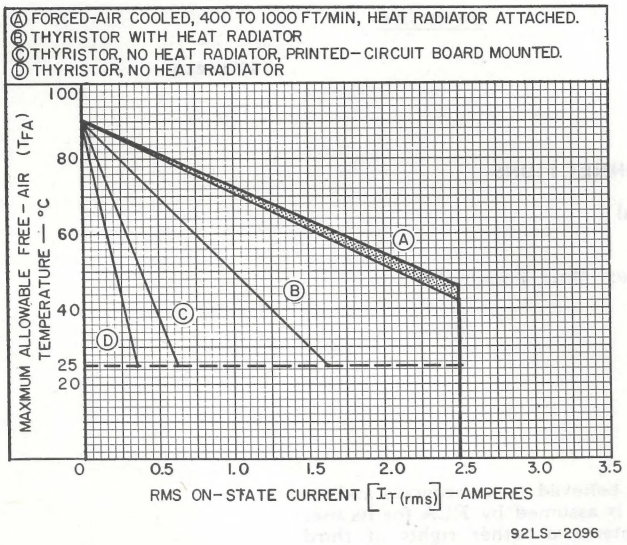
The radiator design of these devices has tabs to allow printed-circuit board mounting and holes to allow chassis mounting if desired.



Thyristor with Heat Radiator	Thyristor without Heat Radiator
40531	40525
40532	40526
40533	40527
40534	40528
40535	40529
40536	40530

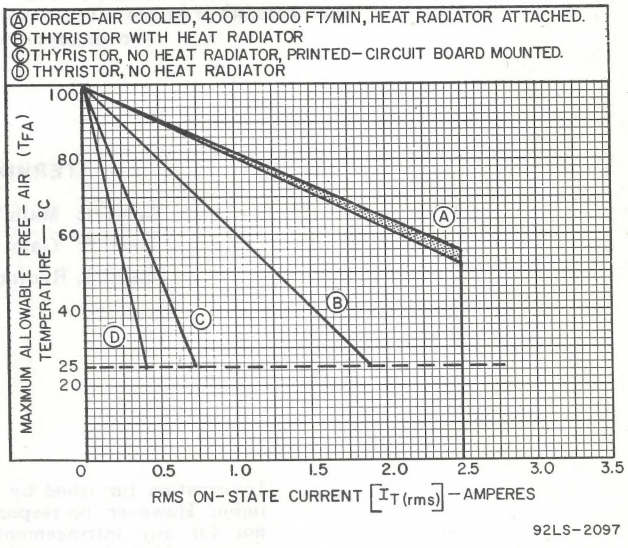
CONDUCTION RATING CHARTS (FREE-AIR TEMPERATURE)

For Types 40531, 40532, and 40533



92LS-2096

For Types 40534, 40535, and 40536



92LS-2097

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ELECTRONIC COMPONENTS AND DEVICES, HARRISON, N.J.

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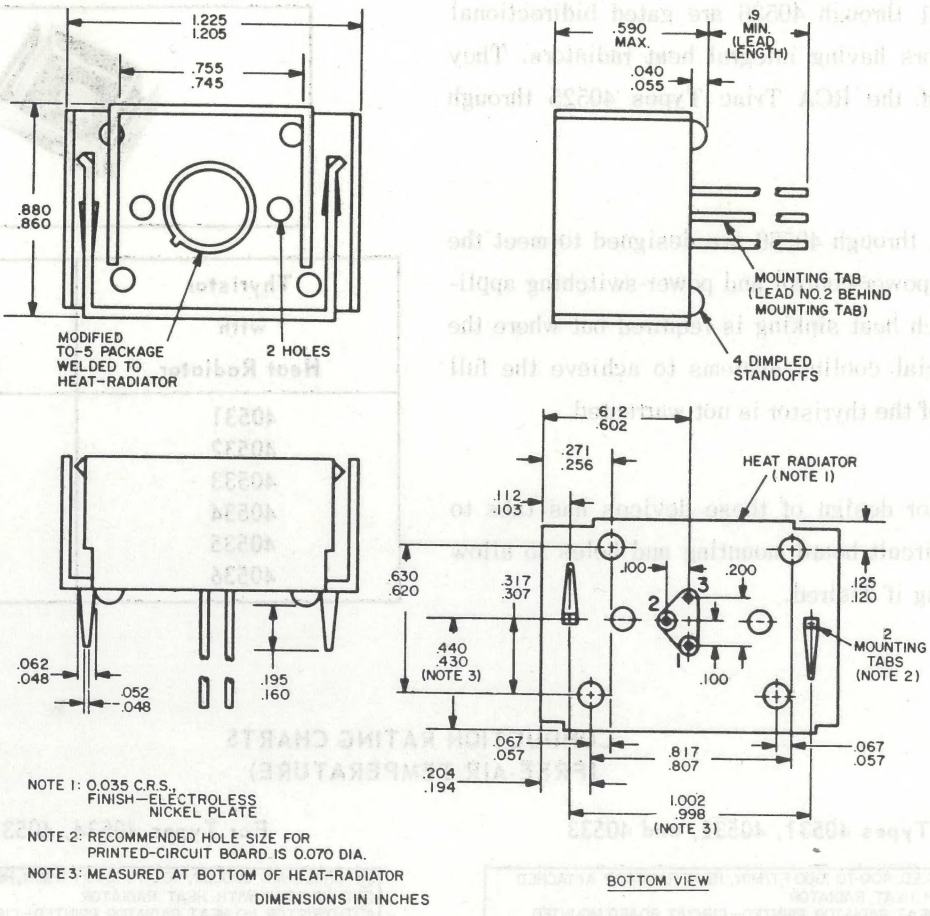
4/67

DIMENSIONAL OUTLINE



NOTE 1: 0.035 C.R.S., FINISH—ELECTROLESS NICKEL PLATE

NOTE 2: RECOMMENDED HOLE SIZE FOR PRINTED-CIRCUIT BOARD IS 0.070 DIA.

NOTE 3: MEASURED AT BOTTOM OF HEAT-RADIATOR

DIMENSIONS IN INCHES

92LM-2109

TERMINAL CONNECTIONS

Lead 1: Main Terminal 1

Lead 2: Gate

Lead 3, Radiator, Case: Main Terminal 2

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